

Converting Colors

Hex(8FD858)

Have a look what the booklet for
Hex(8FD858) contains.

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Color

Hex(8FD858)

Conversions

Conversions Part 1

Format	Color
Hex	8FD858
RGB	143, 216, 88
RGB Percent	56%, 85%, 35%
CMY	0.4392, 0.1529, 0.6549
CMYK	0.34, 0.00, 0.59, 0.15
HSL	94°, 62%, 60%
HSV	94°, 59%, 85%
XYZ	37.6450, 55.6560, 17.9911
YIQ	179.5810, -2.4200, -55.2840

Conversions

Conversions Part 2

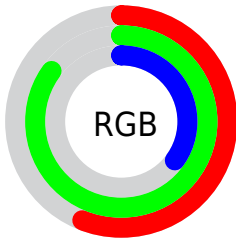
Format	Color
RYB	88, 216, 161
Decimal	9427032
CIELab	79.42, -44.09, 54.77
CIELCh	79, 70.308, 128.837
Yxy	55.6560, 0.3383, 0.5001
Android (android.graphics.Color)	4287617112 (0xFF8FD858)
YUV	179.5810, -45.1494, -32.0815
Hunter-Lab	74.6029, -40.4831, 37.9238

Details

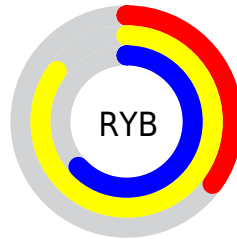
The Hex color **8FD858** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **A158D8**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C8FF8E**, and **57A120** is the 20% darker color. If you saturate the color by 10%, you get **83D842**, and if you desaturate by 10%, it is **9BD86E**.

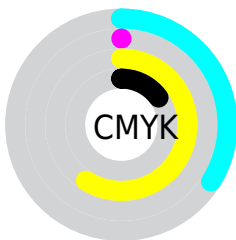
Distribution



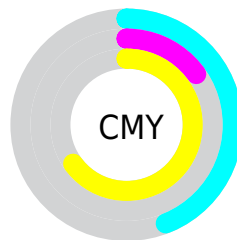
- Red (56%)
- Green (85%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (63%)



- Cyan (34%)
- Magenta (0%)
- Yellow (59%)
- Black (15%)



- Cyan (44%)
- Magenta (15%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FD858 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8FD858 by changing the saturation by 10% instead.

 8FD858

 8FD858

FFFFFF

 73BC3D

 C8FF8E

 57A120

 E5FFAA

 3A8600

 FFFFC6

 196C00

 FFFF E3

 005300

 003B00

 002600

 000000

 8FD858

 8FD858

 83D842

 9BD86E

 76D82D

 A8D883

 6AD817

 B4D899

 5ED802

 C0D8AE

 5DD800

 CDD8C4

 D9D8DA

 E5D8EF

 F2D8FF

 FED8FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D6C836



8FD858



00E193

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8FD858



00D8FF



FF88B4

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8FD858



A158D8

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF91F6



8FD858



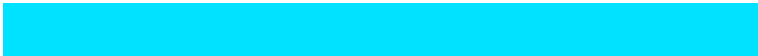
64C6FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8FD858



00E2FF



E1ABFF



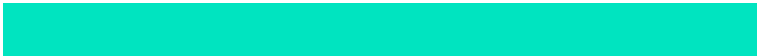
FF9776

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8FD858



00E4C0



E1ABFF



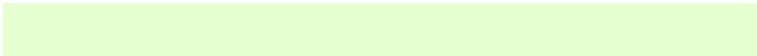
FF88CA

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8FD858



E5FFD1



D8A158



708063



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8FD858



98FF4A



58D861



656B60



49AB00



132B00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A158D8



B14AFF



D858CF



66606B



6100AB



19002B

Previews

White Background



This preview shows how the Hex color 8FD858 looks on a white background.

Color Contrast Check

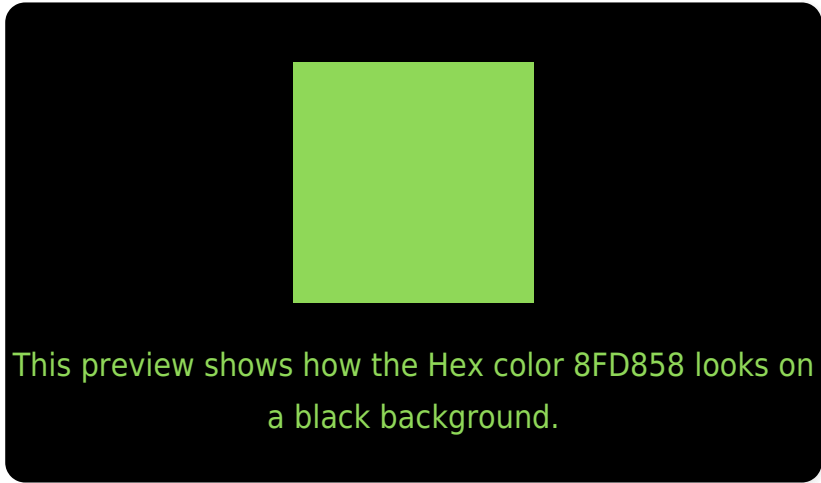
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8FD858 Background



This preview shows how black text looks on a background with the Hex color 8FD858.

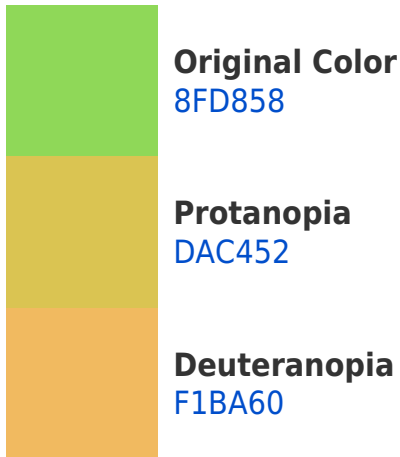


This preview shows how white text looks on a background with the Hex color 8FD858.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
A3CBDB

Trichromacy



Original Color
8FD858



Protanomaly
BFCB54



Deuteranomaly
CDC55D



Tritanomaly
9CD0AB

Monochromacy



Original Color
8FD858



Achromatopsia
B4B4B4



Achromatomaly
A7C193

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FD858 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8FD858 looks like.

```
.text, #text, p{  
    color:#8FD858  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8FD858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FD858
}
```

Border

The CSS property to change the border of an element to Hex 8FD858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8FD858 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8FD858 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #8FD858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FD858; -webkit-box-shadow:4px 4px  
4px 4px #8FD858; box-shadow:4px 4px 4px  
4px #8FD858 }
```

Background

The CSS property to change the background color of an element to Hex 8FD858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FD858 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8FD858 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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